



DECLARATION FOR PATENT APPLICATION

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My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____	Date: _____
Residence: <u>230 Glenway, Madison, WI 53705</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>230 Glenway, Madison, WI 53705</u>	

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____	Date: _____
Residence: <u>9912 Kika Court, Apt. 1224, San Diego, CA 92129</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>9912 Kika Court, Apt. 1223, San Diego, CA 92129</u>	

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____	Date: _____
Residence: <u>6305 Dyllyn Drive, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6305 Dyllyn Drive, Madison, WI 53719</u>	

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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Wichita Ct, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Witchita Ct., Madison, WI 53719</u>	

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: _____	Date: _____
Residence: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	

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Full Name of Sixth Joint Inventor: **Myrta W. Atilas**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

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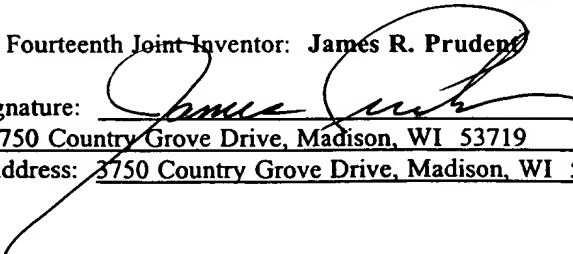
Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____	Date: _____
Residence: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____	Date: _____
Residence: <u>30 North Third Street, Madison, WI 53704</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>30 North Third Street, Madison, WI 53704</u>	

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: 	Date: <u>4/1/04</u>
Residence: <u>3750 Country Grove Drive, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3750 Country Grove Drive, Madison, WI 53719</u>	

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



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Residence: 230 Glenway, Madison, WI 53705 Citizenship: United States of America
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Full Name of Second Joint Inventor: **Eric R. Rasmussen**

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Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129 Citizenship: United States of America
Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

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Residence: 6305 Dyllyn Drive, Madison, WI 53719 Citizenship: United States of America
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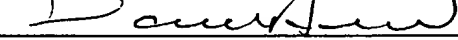
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08/823,516	3/24/97	Patented
08/759,038	12/2/96	Patented
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08/682,853	7/12/96	Patented
08/599,491	1/24/96	Patented
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Full Name of Sixth Joint Inventor: **Myrta W. Atiles**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

DECLARATION FOR PATENT APPLICATION

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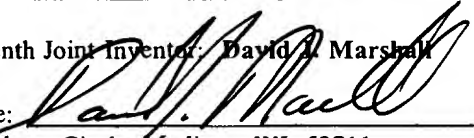
Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: 	Date: <u>4-23-04</u>
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____	Date: _____
Residence: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____	Date: _____
Residence: <u>30 North Third Street, Madison, WI 53704</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>30 North Third Street, Madison, WI 53704</u>	

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____	Date: _____
Residence: <u>3750 Country Grove Drive, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3750 Country Grove Drive, Madison, WI 53719</u>	

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____ Date: _____
Residence: 230 Glenway, Madison, WI 53705 Citizenship: United States of America
Post Office Address: 230 Glenway, Madison, WI 53705

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____ Date: _____
Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129 Citizenship: United States of America
Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: Jeff G. Hall Date: 4/12/04
Residence: 6305 Dyllyn Drive, Madison, WI 53719 Citizenship: United States of America
Post Office Address: 6305 Dyllyn Drive, Madison, WI 53719

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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: Poonam Agarwal Date: 4/12/04
Residence: 17 Wichita Ct, Madison, WI 53719 9202 Settlers Rd Citizenship: United States of America
Post Office Address: 17 Wichita Ct, Madison, WI 53719 Madison WI 53717

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: David Arco Date: 2/9/04
Residence: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562 Citizenship: United States of America
Post Office Address: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562

222 Jenna Dr, Verona, WI 53593

DA 2/9/04

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Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
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Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: <u>Monika de Arruda Indig</u>	Date: <u>4/12/04</u>
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
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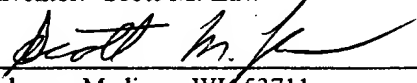
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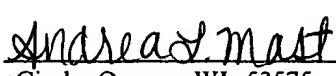
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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature:  Date: April 12, 2004
Residence: 438 Mineau Parkway, Madison, WI 53711 Citizenship: United States of America
Post Office Address: 438 Mineau Parkway, Madison, WI 53711

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature:  Date: 4/12/04
Residence: 136 Emily Circle, Oregon, WI 53575 Citizenship: United States of America
Post Office Address: 136 Emily Circle, Oregon, WI 53575

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Residence: 17 Newbury Circle, Madison, WI 53711 Citizenship: United States of America
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09/350,309	7/9/99	Patented

Application Serial No.

Filing Date

Patented, Pending or Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____

Date: _____

Residence: 3134 Quiet Hills Dr., Escondido, CA 92029

Citizenship: United States of America

Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: Mary Oldenberg

Date: 4-14-04

Residence: 30 North Third Street, Madison, WI 53704

Citizenship: United States of America

Post Office Address: 30 North Third Street, Madison, WI 53704

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____

Date: _____

Residence: 3750 Country Grove Drive, Madison, WI 53719

Citizenship: United States of America

Post Office Address: 3750 Country Grove Drive, Madison, WI 53719

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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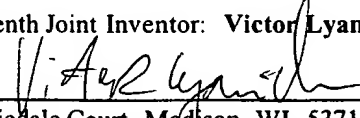
Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____ Date: _____
Residence: 21644 N. Riverview Ct., Beverly Hills, MI 48025 Citizenship: United States of America
Post Office Address: 21644 N. Riverview Ct., Beverly Hills, MI 48025

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____ Date: _____
Residence: 910 Pebble Beach Drive, Madison, WI 53717 Citizenship: United States of America
Post Office Address: 910 Pebble Beach Drive, Madison, WI 53717

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature:  Date: 04-12-2004
Residence: 2523 Carriedale Court, Madison, WI 53711 Citizenship: Russia
Post Office Address: 2523 Carriedale Crout, Madison, WI 53711



DECLARATION FOR PATENT APPLICATION

As a ~~TRADEMARK~~ named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____ Date: _____
Residence: 230 Glenway, Madison, WI 53705 Citizenship: United States of America
Post Office Address: 230 Glenway, Madison, WI 53705

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____ Date: _____
Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129 Citizenship: United States of America
Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____ Date: _____
Residence: 6305 Dyllyn Drive, Madison, WI 53719 Citizenship: United States of America
Post Office Address: 6305 Dyllyn Drive, Madison, WI 53719

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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08/599,491	1/24/96	Patented
09/350,309	7/9/996	Patented

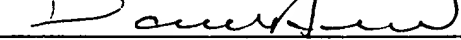
<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending or Abandoned</u>
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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Wichita Ct, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Witchita Ct., Madison, WI 53719</u>	

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: <u></u>	Date: <u>2/9/04</u>
Residence: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	

222 Jenna Dr, Verona, WI 53593
DA 2/9/04

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Full Name of Sixth Joint Inventor: **Myrta W. Atiles**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: <u>Deborah E. Behlendorf</u>	Date: <u>4/18/04</u>
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	<u>Livermore, CA 94550</u>

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

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As a below-named inventor, I hereby declare that:

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

DECLARATION FOR PATENT APPLICATION

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____
Residence: 3134 Quiet Hills Dr., Escondido, CA 92029
Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Date: _____
Citizenship: United States of America

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____
Residence: 30 North Third Street, Madison, WI 53704
Post Office Address: 30 North Third Street, Madison, WI 53704

Date: _____
Citizenship: United States of America

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____
Residence: 3750 Country Grove Drive, Madison, WI 53719
Post Office Address: 3750 Country Grove Drive, Madison, WI 53719

Date: _____
Citizenship: United States of America

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____ Date: _____
Residence: 230 Glenway, Madison, WI 53705 Citizenship: United States of America
Post Office Address: 230 Glenway, Madison, WI 53705

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____ Date: _____
Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129 Citizenship: United States of America
Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____ Date: _____
Residence: 6305 Dyllyn Drive, Madison, WI 53719 Citizenship: United States of America
Post Office Address: 6305 Dyllyn Drive, Madison, WI 53719

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08/759,038		12/2/96	Patented
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08/599,491		1/24/96	Patented
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<i>Application Serial No.</i>	<i>Filing Date</i>	<i>Patented, Pending or Abandoned</i>	

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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____
Residence: 17 Wichita Ct, Madison, WI 53719
Post Office Address: 17 Witchita Ct., Madison, WI 53719

Date: _____
Citizenship: United States of America

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: _____
Residence: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562
Post Office Address: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562

Date: _____
Citizenship: United States of America

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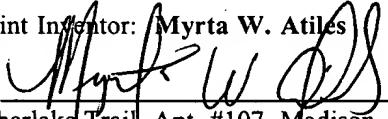
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Full Name of Sixth Joint Inventor: **Myrta W. Atiles**

Inventor's Signature: 
Residence: 7329 Timberlake Trail, Apt. #107, Madison, WI 53719
Post Office Address: 7329 Timberlake Trail, Apt. #107, Madison, WI 53719

Date: 4/7/04
Citizenship: United States of America

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____
Residence: 4 Aster Lane, Madison, WI 53719
Post Office Address: 4 Aster Lane, Madison, WI 53719

Date: _____
Citizenship: United States of America

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____
Residence: 6618 Montclair Lane, Madison, WI 53711
Post Office Address: 6618 Montclair Lane, Madison, WI 53711

Date: _____
Citizenship: United States of America

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____	Date: _____
Residence: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____	Date: _____
Residence: <u>30 North Third Street, Madison, WI 53704</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>30 North Third Street, Madison, WI 53704</u>	

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____	Date: _____
Residence: <u>3750 Country Grove Drive, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3750 Country Grove Drive, Madison, WI 53719</u>	

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____

Date: _____

Residence: 230 Glenway, Madison, WI 53705

Citizenship: United States of America

Post Office Address: 230 Glenway, Madison, WI 53705

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: 

Date: 3/29/04

Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129

Citizenship: United States of America

Post Office Address: 9912 Kika Court, Apt. 1224, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____

Date: _____

Residence: 6305 Dyllyn Drive, Madison, WI 53719

Citizenship: United States of America

Post Office Address: 6305 Dyllyn Drive, Madison, WI 53719

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Inventor's Signature: _____
Residence: 17 Wichita Ct, Madison, WI 53719
Post Office Address: 17 Witchita Ct., Madison, WI 53719

Date: _____
Citizenship: United States of America

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: _____
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Full Name of Sixth Joint Inventor: **Myrta W. Atilas**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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08/682,853	7/12/96	Patented
08/599,491	1/24/96	Patented
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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____	Date: _____
Residence: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____	Date: _____
Residence: <u>30 North Third Street, Madison, WI 53704</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>30 North Third Street, Madison, WI 53704</u>	

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____	Date: _____
Residence: <u>3750 Country Grove Drive, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3750 Country Grove Drive, Madison, WI 53719</u>	

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

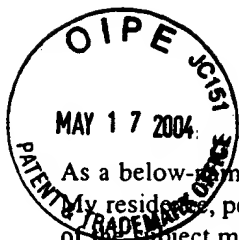
Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



DECLARATION FOR PATENT APPLICATION

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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____ Date: _____
Residence: 230 Glenway, Madison, WI 53705
Post Office Address: 230 Glenway, Madison, WI 53705 Citizenship: United States of America

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____ Date: _____
Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129
Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129 Citizenship: United States of America

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____ Date: _____
Residence: 6305 Dyllyn Drive, Madison, WI 53719
Post Office Address: 6305 Dyllyn Drive, Madison, WI 53719 Citizenship: United States of America

DECLARATION FOR PATENT APPLICATION

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My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Wichita Ct, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Witchita Ct., Madison, WI 53719</u>	

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: <u></u>	Date: <u>2/9/04</u>
Residence: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	

222 Jenna Dr, Verona, WI 53593

DA 2/9/04

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on **11/15/00** as Application Serial No. **09/713,601**. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Full Name of Sixth Joint Inventor: **Myrta W. Atiles**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

DECLARATION FOR PATENT APPLICATION

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____ Date: _____
Residence: 438 Mineau Parkway, Madison, WI 53711 Citizenship: United States of America
Post Office Address: 438 Mineau Parkway, Madison, WI 53711

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____ Date: _____
Residence: 136 Emily Circle, Oregon, WI 53575 Citizenship: United States of America
Post Office Address: 136 Emily Circle, Oregon, WI 53575

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____ Date: _____
Residence: 17 Newbury Circle, Madison, WI 53711 Citizenship: United States of America
Post Office Address: 17 Newbury Circle, Madison, WI 53711

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____

Date: _____

Residence: 3134 Quiet Hills Dr., Escondido, CA 92029

Citizenship: United States of America

Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____

Date: _____

Residence: 30 North Third Street, Madison, WI 53704

Citizenship: United States of America

Post Office Address: 30 North Third Street, Madison, WI 53704

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____

Date: _____

Residence: 3750 Country Grove Drive, Madison, WI 53719

Citizenship: United States of America

Post Office Address: 3750 Country Grove Drive, Madison, WI 53719

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: Jennifer M. Schneiders Date: 4-8-04
Residence: 21644 N. Riverview Ct., Beverly Hills, MI 48025 Citizenship: United States of America
Post Office Address: 21644 N. Riverview Ct., Beverly Hills, MI 48025
221 Linebrook Rd. Ipswich, MA 01938 JMO 4-8-04

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____ Date: _____
Residence: 910 Pebble Beach Drive, Madison, WI 53717 Citizenship: United States of America
Post Office Address: 910 Pebble Beach Drive, Madison, WI 53717

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____ Date: _____
Residence: 2523 Carriedale Court, Madison, WI 53711 Citizenship: Russia
Post Office Address: 2523 Carriedale Crout, Madison, WI 53711



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08/759,038	12/2/96	Patented	
08/756,386	11/29/96	Patented	
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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____ Date: _____
Residence: 230 Glenway, Madison, WI 53705 Citizenship: United States of America
Post Office Address: 230 Glenway, Madison, WI 53705

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____ Date: _____
Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129 Citizenship: United States of America
Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____ Date: _____
Residence: 6305 Dyllyn Drive, Madison, WI 53719 Citizenship: United States of America
Post Office Address: 6305 Dyllyn Drive, Madison, WI 53719

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

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08/599,491	1/24/96	Patented
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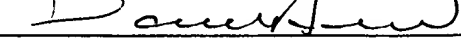
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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Wichita Ct, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Witchita Ct., Madison, WI 53719</u>	

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: <u></u>	Date: <u>2/9/04</u>
Residence: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	

222 Jenna Dr, Verona, WI 53593
DA 2/9/04

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Full Name of Sixth Joint Inventor: **Myrta W. Atiles**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

DECLARATION FOR PATENT APPLICATION

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Application Serial No.

Filing Date

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: Carolyn W. Miller Date: March 30th 2004
Residence: 3134 Quiet Hills Dr., Escondido, CA 92029 Citizenship: United States of America
Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____ Date: _____
Residence: 30 North Third Street, Madison, WI 53704 Citizenship: United States of America
Post Office Address: 30 North Third Street, Madison, WI 53704

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____ Date: _____
Residence: 3750 Country Grove Drive, Madison, WI 53719 Citizenship: United States of America
Post Office Address: 3750 Country Grove Drive, Madison, WI 53719

DECLARATION FOR PATENT APPLICATION

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

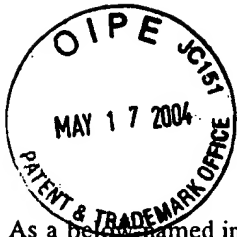
Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: Brian Aizenstein

Residence: 230 Glenway, Madison, WI 53705

Post Office Address: 230 Glenway, Madison, WI 53705

3905 Euclid Ave,
Madison, WI 53711

Date: 4/2/04

Citizenship: United States of America

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____

Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129

Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Date: _____

Citizenship: United States of America

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____

Residence: 6305 Dylun Drive, Madison, WI 53719

Post Office Address: 6305 Dylun Drive, Madison, WI 53719

Date: _____

Citizenship: United States of America

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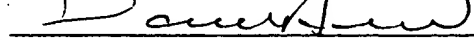
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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Wichita Ct, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Witchita Ct., Madison, WI 53719</u>	

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: <u></u>	Date: <u>2/9/04</u>
Residence: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562</u>	

222 Jenna Dr, Verona, WI 53593
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Full Name of Sixth Joint Inventor: **Myrta W. Atiles**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

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08/599,491	1/24/96	Patented
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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____

Date: _____

Residence: 3134 Quiet Hills Dr., Escondido, CA 92029

Citizenship: United States of America

Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____

Date: _____

Residence: 30 North Third Street, Madison, WI 53704

Citizenship: United States of America

Post Office Address: 30 North Third Street, Madison, WI 53704

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____

Date: _____

Residence: 3750 Country Grove Drive, Madison, WI 53719

Citizenship: United States of America

Post Office Address: 3750 Country Grove Drive, Madison, WI 53719

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Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____	Date: _____
Residence: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>21644 N. Riverview Ct., Beverly Hills, MI 48025</u>	

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: _____	Date: _____
Residence: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>910 Pebble Beach Drive, Madison, WI 53717</u>	

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____	Date: _____
Residence: <u>2523 Carriedale Court, Madison, WI 53711</u>	Citizenship: <u>Russia</u>
Post Office Address: <u>2523 Carriedale Crout, Madison, WI 53711</u>	



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Full Name of Sole or First Inventor: **Brian D. Aizenstein**

Inventor's Signature: _____

Date: _____

Residence: 230 Glenway, Madison, WI 53705

Citizenship: United States of America

Post Office Address: 230 Glenway, Madison, WI 53705

Full Name of Second Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____

Date: _____

Residence: 9912 Kika Court, Apt. 1224, San Diego, CA 92129

Citizenship: United States of America

Post Office Address: 9912 Kika Court, Apt. 1223, San Diego, CA 92129

Full Name of Third Joint Inventor: **Jeff G. Hall**

Inventor's Signature: _____

Date: _____

Residence: 6305 Dylun Drive, Madison, WI 53719

Citizenship: United States of America

Post Office Address: 6305 Dylun Drive, Madison, WI 53719

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Full Name of Fourth Joint Inventor: **Poonam Agarwal**

Inventor's Signature: _____
Residence: 17 Wichita Ct, Madison, WI 53719
Post Office Address: 17 Witchita Ct., Madison, WI 53719

Date: _____
Citizenship: United States of America

Full Name of Fifth Joint Inventor: **David Arco**

Inventor's Signature: _____
Residence: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562
Post Office Address: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562

Date: _____
Citizenship: United States of America

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Full Name of Sixth Joint Inventor: **Myrta W. Atilas**

Inventor's Signature: _____	Date: _____
Residence: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>7329 Timberlake Trail, Apt. #107, Madison, WI 53719</u>	

Full Name of Seventh Joint Inventor: **Deborah E. Burris**

Inventor's Signature: _____	Date: _____
Residence: <u>4 Aster Lane, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>4 Aster Lane, Madison, WI 53719</u>	

Full Name of Eighth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: _____	Date: _____
Residence: <u>6618 Montclair Lane, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>6618 Montclair Lane, Madison, WI 53711</u>	

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Full Name of Ninth Joint Inventor: **Scott M. Law**

Inventor's Signature: _____	Date: _____
Residence: <u>438 Mineau Parkway, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>438 Mineau Parkway, Madison, WI 53711</u>	

Full Name of Tenth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____	Date: _____
Residence: <u>136 Emily Circle, Oregon, WI 53575</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>136 Emily Circle, Oregon, WI 53575</u>	

Full Name of Eleventh Joint Inventor: **David J. Marshall**

Inventor's Signature: _____	Date: _____
Residence: <u>17 Newbury Circle, Madison, WI 53711</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>17 Newbury Circle, Madison, WI 53711</u>	

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Full Name of Twelfth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____	Date: _____
Residence: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>3134 Quiet Hills Dr., Escondido, CA 92029</u>	

Full Name of Thirteenth Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____	Date: _____
Residence: <u>30 North Third Street, Madison, WI 53704</u>	Citizenship: <u>United States of America</u>
Post Office Address: <u>30 North Third Street, Madison, WI 53704</u>	

Full Name of Fourteenth Joint Inventor: **James R. Prudent**

Inventor's Signature: _____	Date: _____
Residence: <u>3750 Country Grove Drive, Madison, WI 53719</u>	Citizenship: <u>United States of America</u>
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09/381,212	2/8/00	Pending	
08/823,516	3/24/97	Patented	
08/759,038	12/2/96	Patented	
08/756,386	11/29/96	Patented	
08/682,853	7/12/96	Patented	
08/599,491	1/24/96	Patented	
09/350,309	7/9/99	Patented	
<i>Application Serial No.</i>	<i>Filing Date</i>	<i>Patented, Pending or Abandoned</i>	


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Fifteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____
Residence: 21644 N. Riverview Ct., Beverly Hills, MI 48025
Post Office Address: 21644 N. Riverview Ct., Beverly Hills, MI 48025

Date: _____
Citizenship: United States of America

Full Name of Sixteenth Joint Inventor: **Mary Ann Brow**

Inventor's Signature: 
Residence: 910 Pebble Beach Drive, Madison, WI 53717
Post Office Address: 910 Pebble Beach Drive, Madison, WI 53717

Date: April 7, 2004
Citizenship: United States of America

Full Name of Seventeenth Joint Inventor: **Victor Lyamichev**

Inventor's Signature: _____
Residence: 2523 Carriedale Court, Madison, WI 53711
Post Office Address: 2523 Carriedale Crout, Madison, WI 53711

Date: _____
Citizenship: Russia

ASSIGNMENT

WHEREAS, WE, Brian D. Aizenstein, Eric R. Rasmussen, Jeff G. Hall, Poonam Agarwal, David Arco, Myrta W. Atilas, Debroah E. Burris, Monika de Arruda Indig, Scott M. Law, Andrea L. Mast, David J. Marshall, Carolyn W. Miller, Mary C. Oldenberg, James R. Prudent, Jennifer M. Schneiders, Mary Ann Brow and Victor Lyamichev, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Methods And Compositions For Detecting Target Sequences**

Filing Date: 11/15/00 Serial No.: 09/713,601

WHEREAS, Third Wave Technologies, Inc., a Wisconsin corporation, 502 South Rosa Road, Madison, WI 53719, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

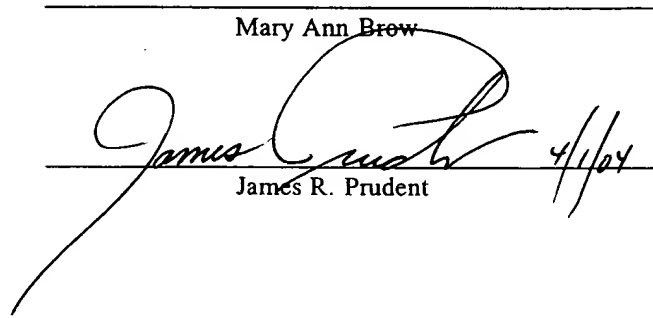
ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Jeff G. Hall

Mary Ann Brow

Victor Lyamichev


James R. Prudent 4/1/04

STATE OF WISCONSIN)

COUNTY OF DANE)

ss.

On this 1ST day of APRIL, in the year of 2004, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

* only for
JAMES R. PRUDENT


NOTARY PUBLIC

SEAL

(My Commission is permanent)

ASSIGNMENT

WHEREAS, WE, Brian D. Aizenstein, Eric R. Rasmussen, Jeff G. Hall, Poonam Agarwal, David Arco, Myrta W. Atilas, Debroah E. Burris, Monika de Arruda Indig, Scott M. Law, Andrea L. Mast, David J. Marshall, Carolyn W. Miller, Mary C. Oldenberg, James R. Prudent, Jennifer M. Schneiders, Mary Ann Brow and Victor Lyamichev, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Methods And Compositions For Detecting Target Sequences**

Filing Date: 11/15/00 Serial No.: 09/713,601

WHEREAS, Third Wave Technologies, Inc., a Wisconsin corporation, 502 South Rosa Road, Madison, WI 53719, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Jeff G. Hall



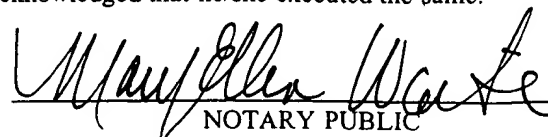
Mary Ann Brow

Victor Lyamichev

James R. Prudent

STATE OF WISCONSIN)
COUNTY OF DANE) ss.

On this 7th day of APRIL, in the year of 2004, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.



NOTARY PUBLIC

SEAL

MY COMMISSION EXPIRES 10-9-2005

ASSIGNMENT

WHEREAS, WE, Brian D. Aizenstein, Eric R. Rasmussen, Jeff G. Hall, Poonam Agarwal, David Arco, Myrta W. Atilas, Debroah E. Burris, Monika de Arruda Indig, Scott M. Law, Andrea L. Mast, David J. Marshall, Carolyn W. Miller, Mary C. Oldenberg, James R. Prudent, Jennifer M. Schneiders, Mary Ann Brow and Victor Lyamichev, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **Methods And Compositions For Detecting Target Sequences**

Filing Date: 11/15/00 Serial No.: 09/713,601

WHEREAS, Third Wave Technologies, Inc., a Wisconsin corporation, 502 South Rosa Road, Madison, WI 53719, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

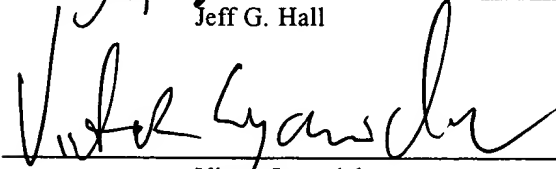
ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.



Jeff G. Hall

Mary Ann Brow



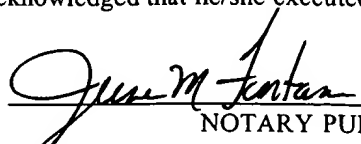
Victor Lyamichev

James R. Prudent

STATE OF Wisconsin)
COUNTY OF Dane)

ss.

On this 12th day of April, in the year of 2004, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.



NOTARY PUBLIC

SEAL



May 5, 2004

ASSIGNEE CONSENT TO CHANGE OF INVENTORSHIP

Third Wave Technologies, Inc. consents to the addition of Victor Lyamichev, Jeff Hall, James R. Prudent, and Mary Ann Brow as inventors of "**Methods And Compositions For Detecting Target Sequences**", U.S. 09/713,601 filed 15 November 15, 2000. The assignee, Third Wave Technologies, Inc., has established its ownership of the application in accordance with 37 CFR §3.73. Accordingly, the assignment from the inventors was recorded in the Patent and Trademark Office at Reel 01147, Frame Number 0654.

I have the authority to act on behalf of Third Wave as a matter of record in this consent.

Sincerely,

John Comerford
Vice President & General Counsel